

ABSTRACT

The invention is directed to a tool for visualizing relationships between and among data. It uses existing relational databases, and provides the means to view these databases in order to reveal degrees of relatedness between and among various data clusters. An illustrative use of said database tool is for analyzing genomics data. A test platform for this tool used EST data for the wheat tribe Triticeae, but can easily be extended for applications where other sequence assembly procedures are implemented, particularly those which use alphanumeric characters to represent data. The implementation of algorithms to manipulate the data points for investigative functions may be adapted to serve other applications.